

<b>DS - 01/29/2007</b> Substitute for Form 1449 A & B/PTO  <div style="text-align: center;"><b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b></div> <div style="text-align: center;"><i>(use as many sheets as necessary)</i></div>				<div style="text-align: center;"><i>Complete if Known</i></div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>10/528,559</td></tr> <tr><td>Confirmation Number</td><td>5055</td></tr> <tr><td>Filing Date</td><td>March 21, 2005</td></tr> <tr><td>First Named Inventor</td><td>Mineki OKAMOTO</td></tr> <tr><td>Art Unit</td><td>3611</td></tr> <tr><td>Examiner Name</td><td>Robert Wayne HORN</td></tr> <tr><td>Attorney Docket Number</td><td>Q86913</td></tr> </table>		Application Number	10/528,559	Confirmation Number	5055	Filing Date	March 21, 2005	First Named Inventor	Mineki OKAMOTO	Art Unit	3611	Examiner Name	Robert Wayne HORN	Attorney Docket Number	Q86913
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
RH		US 4,773,497		09-27-1998	CARLSON et al.
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↓		US 5,590,732	A	01-07-1997	SURGINO et al.
↓		US 4,837,692	A	06-06-1989	SHIMIZU
↓		US 4,754,829	A	07-05-1988	SHIMIZU
↓		US 6,412,591	B1	07-02-2002	ENDO et al.
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↓		US 4,825,972		05-02-1989	SHIMIZU

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
RH	a	JP	2000-161435		06-16-2000	1	No
↓	b	DE	692 13 362 692 13 363		07-07-1993	NSK Ltd. 1	No
↓	c	JP	2001-97232		04-10-2001	1	Yes
↓	d	JP	62-127868		08-13-1987	1	Abstract
↓	e	JP	56-11136		01-30-1981	1	Abstract
↓	f	JP	6-144246		05-24-1994	1	Yes
↓	g	JP	8-207797		08-13-1996	1	Yes
↓	h	JP	2000-159128		06-13-2000	1	Yes
↓	i	GB	2 198 098	A	06-08-1988	Honda Giken Kogyo KK 3	
↓	j	WO	2004/026665	A1	04-01-2004	NSK Ltd. 1	Abstract
↓	k	JP	1-145670		10-16-1989	Koyo Seiko Co Ltd. 2	No
↓	l	JP	6-239247		08-30-1994	Jidosha Kiki Co Ltd 2	No
↓	m	JP	9-132153		05-20-1997	Toyoda Mach. Works Ltd. 2	No
↓	n	JP	6-144280		05-24-1994	Omron Corp. 2	No
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↓	q	JP	10-281235		10-23-1998	2	No

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	/Robert Horn/	Date Considered	02/27/2007
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- 1- English abstract, translated portion and figures are examined.  
 2- Figures are examined only, foreign language document.  
 3- English language document is fully examined.

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

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RH		US 2004/0245041	A1	12/9/2004	Fukuda et al.
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RH		US 2002/0056587	A1	5/16/2002	Shibasaki et al.
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RH		DE	101 19 967	A1	2/14/2002	2	
		EP	1 172 278	A2	1/16/2002	3	
		EP	1 127 775	A1	8/29/2001	3	
		EP	0 718 174	A2	6/26/1996	3	
		EP	0 716 948	A2	6/19/1996	3	
		FR	2 577 878	A1	8/29/1986	2	

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